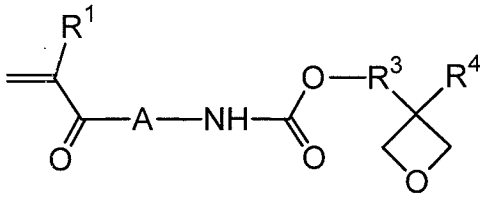
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

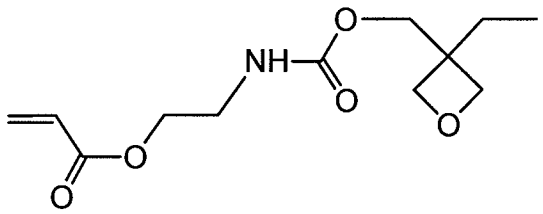
1. (original): An oxetane compound containing a (meth)acryloyl group, which is represented by formula (1) below



(1)

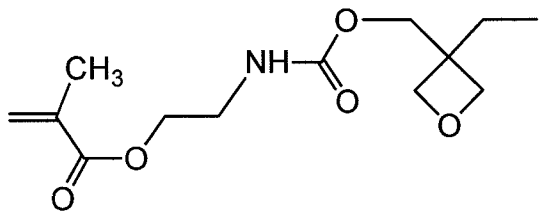
wherein R^1 represents a hydrogen atom or a methyl group, A represents $-OR^2-$ or a bond, R^2 represents a divalent hydrocarbon group which may contain an oxygen atom in the main chain, R^3 represents a linear or branched alkylene group having 1 to 6 carbon atoms, and R^4 represents a linear or branched alkyl group having 1 to 6 carbon atoms.

2. (previously presented): The oxetane compound containing a (meth)acryloyl group claimed in claim 1, which is a compound represented by formula (2) below



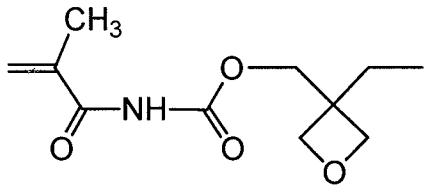
(2)

3. (previously presented): The oxetane compound containing a (meth)acryloyl group as claimed in claim 1, which is a compound represented by formula (3) below



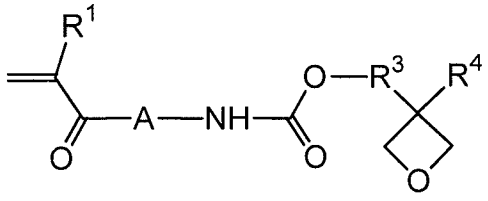
(3)

4. (previously presented): The oxetane compound containing a (meth)acryloyl group as claimed in claim 1, which is a compound represented by formula (4) below



(4)

5. (currently amended): A production method of a compound represented by formula (1) below

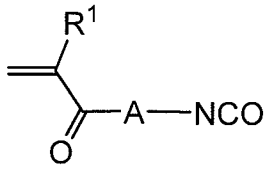


(1)

wherein R^1 represents a hydrogen atom or a methyl group, A represents $-OR^2-$ or a bond, R^2 represents a divalent hydrocarbon group which may contain an oxygen atom in the main

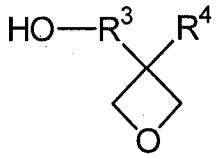
chain, R^3 represents a linear or branched alkylene group having 1 to 6 carbon atoms, and R^4 represents a linear or branched alkyl group having 1 to 6 carbon atoms,

wherein an isocyanate compound containing a (meth)acryloyl group represented by formula (5) below is reacted with an oxetane compound containing a hydroxyl group represented by formula (6) below



(5)

wherein R^1 represents a hydrogen atom or a methyl group, A represents $-OR^2-$ or a bond, and R^2 represents a divalent hydrocarbon group which may contain an oxygen atom in the main chain,



(6)

wherein R^3 represents a linear or branched alkylene group having 1 to 6 carbon atoms, and R^4 represents a linear or branched alkyl group having 1 to 6 carbon atoms,

where the molar ratio of the isocyanate to oxetane at the time of reaction is 1:0.90 to 1:1.10.

6. (original): The production method of an oxetane compound containing a (meth)acryloyl group as claimed in claim 5, wherein a tertiary amine or a tin compound is used as catalyst